EVIDENTIARY HEARING, COMMITTEE CONFERENCE PRESIDING MEMBER'S PROPOSED DECISION

BEFORE THE

CALIFORNIA ENERGY RESOURCES CONSERVATION

AND DEVELOPMENT COMMISSION

PALA MESA RESORT

SUN ROOM

2001 OLD HIGHWAY 395

FALLBROOK, CALIFORNIA 92028

MONDAY, MARCH 16, 2009 10:32 A.M.

Reported by: Troy A. Ray Contract No. 170-07-001

PETERS SHORTHAND REPORTING CORPORATION (916) 362-2345

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COMMITTEE MEMBERS PRESENT

James D. Boyd, Presiding Member

Arthur H. Rosenfeld, Associate Member

HEARING OFFICER AND ADVISORS

Susan J. Brown, Advisor

David Hungerford, Advisor

Kenneth Celli, Hearing Officer

STAFF AND CONSULTANTS PRESENT

Jared Babula, Staff Counsel

Felicia Miller, Project Manager

APPLICANT

Jane E. Luckhardt, Attorney Downey, Brand Attorneys, LLP

Joseph L. Stenger, Senior Project Manager TRC Solutions

Richard M. (Mike) Jones, Project Director J-Power Group J-Power USA Development Co., Ltd.

INTERVENOR

Archie D. McPhee

ALSO PRESENT

Steve Taylor San Diego Gas and Electric Company

Taylor Miller Sempra Energy ALSO PRESENT

Keith Lewinger Fallbrook Public Utility District

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1	PROCEEDINGS
2	10:32 a.m.
3	PRESIDING MEMBER BOYD: Good morning. I
4	am Commissioner Jim Boyd, the Presiding Member of
5	our Siting Committee, and I welcome you to today's
6	hearing on the Orange Grove peaker project.
7	Our hearing today is being conducted by
8	the Siting Committee of the Energy Commission for
9	this particular proposal.
10	There are two purposes for today's
11	meeting. The first is to reopen the evidentiary
12	record in this case for the limited purpose of
13	receiving evidence relevant to alternatives, land
14	use, project description and traffic and
15	transportation.
16	The second purpose of today's meeting is
17	to discuss the comments on the Presiding Member's
18	Proposed Decision, or as we say, PMPD, which were
19	filed both by the staff and applicant.
20	So, before we get into that more formal
21	part, I'd like to have introductions. As I
22	indicated, I'm Commissioner Jim Boyd. To the left
23	of our Hearing Officer is Commissioner Arthur
24	Rosenfeld, who is the Associate Member of the
25	Siting Committee.

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1 To my right is my Advisor, Susan Brown.
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- 2 To Commissioner Rosenfeld's left is his Advisor,
- 3 David Hungerford. Sitting here in the middle is
- 4 our Hearing Officer Kenneth Celli, who in a few
- 5 moments is going to be conducting the rest of
- 6 today's hearing for us.
- 7 Now, if the applicant would like to
- 8 introduce their representatives, as she hurries
- 9 back to the table.
- 10 MS. LUCKHARDT: Hello. My name is Jane
- 11 Luckhardt, and I am counsel for the applicant. To
- 12 my right is Mike Jones for Orange Grove Energy and
- 13 J-Power. To my left is Joe Stenger from TRC, the
- 14 consultant on the project. And then we've got
- other folks in the audience. I won't introduce
- 16 everybody. If they come up we'll introduce them
- 17 as they come up.
- 18 PRESIDING MEMBER BOYD: Okav. Staff.
- 19 MR. BABULA: Yeah, hi. I'm Jared
- 20 Babula, Staff Counsel. And sitting next to me is
- 21 Felicia Miller, the Project Manager.
- 22 PRESIDING MEMBER BOYD: Intervenors.
- MR. McPHEE: I'm Archie McPhee, civil
- 24 engineer, chemical engineer, and a certified
- 25 expert in wastewater and water engineering.

1	PRESIDING MEMBER BOYD: Thank you. Do
2	we have any other intervenors here today? Neither
3	Anthony Arand or anyone representing anyone from
4	the Alliance for a Cleaner Tomorrow? Okay.
5	Do we have any government agencies who
6	would like to introduce themselves, such as the
7	Air Pollution Control District, or one of the
8	water districts, utility districts, so on and so
9	forth? Any representative of San Diego Gas and
10	Electric?
11	MR. TAYLOR: Steve Taylor with San Diego
12	Gas and Electric.
13	MR. MILLER: Taylor Miller, Sempra
14	Energy. Good morning.
15	MR. LEWINGER: Keith Lewinger
16	(phonetic), Fallbrook Public Utility District.
17	PRESIDING MEMBER BOYD: Thank you. Do
18	we have any elected officials or anyone else who
19	would like an introduction today?
20	Okay. Thank you, all, for those
21	introductions. And I'm now going to turn over the
22	conduct of these proceedings to our Hearing
23	Officer, Mr. Celli. So, it's all yours.

Commissioner. Can you all hear me okay? A little

HEARING OFFICER CELLI: Thank you,

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bit closer? How's that, is that better?
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- 2 MR. SPEAKER: Yes.
- 3 HEARING OFFICER CELLI: Okay, very good.
- 4 Good morning, everyone. Kenneth Celli here.
- 5 Before we begin I just have to do a
- 6 little housekeeping in these times of budgetary
- 7 constraint. We don't have a Public Adviser here
- 8 today, so if anybody's here who would like to make
- 9 a comment, when we have the public comment period,
- 10 we need you to fill out one of these blue cards
- 11 that are over on the table on the left.
- 12 Also on the left on the table is --
- 13 PRESIDING MEMBER BOYD: Your left, their
- 14 right.
- 15 HEARING OFFICER CELLI: That's correct.
- 16 State's left, I guess. On your right, table near
- 17 the door, are copies of the new exhibits list with
- 18 new exhibits submitted by the parties. And also
- 19 the draft errata, which is what we're going to be
- 20 working with today.
- 21 If you'd like to speak, please fill out
- one of these blue forms, and I will collect them.
- Just leave them on the table and I will collect
- them just before the public comment time.
- I also have to say, if you'll forgive

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1 me, pardon my Spanish.
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- 2 (Spanish announcement.)
- 3 HEARING OFFICER CELLI: Seeing none.
- 4 And you don't need to transcribe that.
- 5 (Laughter.)
- 6 HEARING OFFICER CELLI: We're doing what
- 7 we can.
- 8 Ladies and gentlemen, notice of
- 9 availability of the PMPD, what we call the PMPD,
- 10 the Presiding Member's Proposed Decision, was
- issued on February 25, 2009, beginning a 30-day
- 12 review and comment period which ends March 25th.
- 13 The notice directed the parties to
- 14 present evidence on the following issues: One,
- 15 the discrepancy of the water usage figures between
- soil and water resources and project alternative
- 17 sections of the PMPD.
- 18 Secondly, we wanted to know whether the
- 19 basis of the real property was a tolling
- 20 agreement, a leasehold or both. Whether the
- 21 leasehold constituted an illegal or unpermitted
- 22 subdivision. Whether the subdivision would
- violate any minimum lot size zones, if it were a
- 24 subdivision.
- 25 And finally, we wanted to take evidence

1	on	the	duration	of	the	pipeline	construction	, the

- 2 hours of construction, where and when flagmen will
- 3 be needed, and a basis for the conclusion that
- 4 there will be no significant impact to traffic
- 5 flow as it related to the construction of the
- 6 pipeline under state route 76.
- 7 We've reviewed and we've marked for
- 8 identification, the following: Exhibit 63 is the
- 9 testimony of Richard Jones regarding land use.
- 10 Exhibit 64 is the testimony of Joseph
- 11 Stenger regarding soil and water resources.
- 12 Exhibit 65 is the applicant's comments
- to the PMPD.
- 14 Exhibit 66 is testimony of Joseph
- 15 Stenger regarding traffic and transportation.
- 16 Exhibit 203 is staff's response to
- 17 Committee's questions and comments on the PMPD.
- 18 Exhibit 204 is the declaration of
- 19 Suzanne L. Phinney.
- 20 Exhibit 205 is the declaration of
- 21 Felicia Miller.
- 22 Exhibit 206 is a letter dated January
- 7th from the County of San Diego to Stephen Thome
- 24 regarding the Subdivision Map Act.
- 25 Exhibit 207 is the declaration of James

Adams.

2	Exhibit 208 is the declaration of Robers
3	Morris and order number 91.39, waste discharge
4	requirements for Fallbrook Sanitary District for
5	the California Regional Water Quality Control
6	Board, San Diego Region. And addendum numbers 1
7	through 3 to order 91-39.
8	Exhibit 209 is the declaration of Jared
9	Babula.
10	And exhibit 210 is staff's comments and
11	corrections to the Presiding Member's Proposed
12	Decision.
13	Those are the only exhibits that we have
14	received that were submitted in a timely fashion.
15	The applicant has the burden, and so

The applicant has the burden, and so we're going to ask the applicant to begin, followed by staff, and then the intervenors, to cross-examine, if necessary. And so with that, Ms. Luckhardt.

MR. McPHEE: Mr. Celli, can I make any

comments on water and wastewater use?

HEARING OFFICER CELLI: You can make a comment on, let's see -- just to be clear right now what we're doing is we're opening the

25 evidentiary record to take in additional evidence

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on four issues that were raised by the Committee.
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- There was a discrepancy in the amount of water
- 3 used -- rates in the beginning. Okay, the water
- 4 use. The basis for the real property agreement,
- 5 you know, with regard to a leasehold. And
- 6 evidence on the construction of the zone. And we
- 7 are limited to those issues.
- 8 So I don't believe soil and water is a
- 9 part of the new additional evidence that we will
- 10 be taking today.
- 11 MR. McPHEE: Well, in other words I'm
- 12 wasting my time here.
- 13 HEARING OFFICER CELLI: Well, I don't
- 14 know about that, but -- and we appreciate your
- 15 being here. You have contributed a lot. But what
- we need to do in order to maintain the record is
- 17 we can only take evidence on those few issues that
- we noticed in our notice of availability.
- 19 MR. McPHEE: Yeah, but what I've seen in
- 20 the California -- related to recycled water, there
- 21 is a large discrepancy between the definition of
- 22 tertiary treated recycled water and disinfected
- 23 tertiary recycled water. There's a very very
- 24 large discrepancy between.
- 25 And what you have done in the past is

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combine the two --
 1
                   HEARING OFFICER CELLI: Let me --
 2
                   MR. McPHEE: -- and said they're the
 3
         same thing, and they're not.
 4
 5
                   HEARING OFFICER CELLI: Let me just
 6
         remind you that at the close of the evidence,
         after we only hear evidence on these four items,
         we are going to then have a conference on the
 8
         PMPD, on the errata, themselves, and then you're
         free to comment at that time.
10
                   So, --
11
                   MR. McPHEE: Just comment or can I
12
         present -- make a presentation?
13
14
                   HEARING OFFICER CELLI: You can comment,
         and you're a party, so we will be discussing the
15
         errata. So I think that you will have the
16
         opportunity you're looking for after we finish the
17
18
         evidentiary session.
                   PRESIDING MEMBER BOYD: Remember when I
19
         opened this meeting I said we're dividing it into
20
21
         two sections. The first section is as the Hearing
         Officer indicated, we've reopened the evidentiary
22
         record for the limited purposes he mentioned.
23
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24

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Once we close that, we'll then have a

general hearing on the Presiding Member's Proposed

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1 Decision. And during that time you can comment on
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- 2 your items. So, just be patient.
- 3 HEARING OFFICER CELLI: So, with that,
- 4 Ms. Luckhardt, please.
- 5 MS. LUCKHARDT: Okay, so I have
- 6 witnesses here. We have filed prefiled testimony
- 7 including exhibits 23, 24 --
- 8 HEARING OFFICER CELLI: Wait a second.
- 9 I only have -- we started exhibit 63, because 23
- 10 is already --
- 11 MS. LUCKHARDT: Sorry. I'm looking at
- the wrong page, that's my error there.
- 13 Okay, it should be exhibit 63, 64, and
- 14 66, which is -- 63 is the testimony of Richard
- Jones regarding land use, --
- 16 HEARING OFFICER CELLI: Correct.
- 17 MS. LUCKHARDT: -- responding to the
- 18 questions that you had asked.
- 19 64 is the testimony of Joe Stenger
- 20 regarding soil and water resources.
- 21 And 66 is the testimony of Joe Stenger
- 22 regarding traffic and transportation.
- We would at this time move that those be
- 24 taken into the evidentiary record. And we would
- 25 request that in moving traffic and transportation

1 that we move in the attachments that were filed on

- 2 Friday.
- 3
 I've handed out copies to the parties,
- 4 and there are some other copies on the back table.
- 5 We inadvertently sent out an earlier version that
- 6 did not include the third flag person, and so we
- 7 have corrected that. And the new exhibits contain
- 8 the third flag person. I think it's at Acuzer
- 9 Canyon Road, is that correct? Yeah.
- 10 And so at this time we'd move those
- 11 three into evidence. Both witnesses are here and
- were previously sworn, and are available if there
- 13 are questions on any of those topics at this time.
- 14 HEARING OFFICER CELLI: Well, let me ask
- 15 you this. I also have -- so 63 is Richard Jones'
- testimony; 64 and 66 are both Joseph Stenger. I
- 17 also have exhibit 65, which is the applicant's
- 18 comments to the PMPD.
- 19 MS. LUCKHARDT: Right. I didn't know if
- 20 you wanted to move those into the evidentiary
- 21 record? You would --
- 22 HEARING OFFICER CELLI: I would prefer
- 23 to just to keep the record whole.
- MS. LUCKHARDT: Okay, that's fine. Then
- we would also move 65, which are applicant's

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1 comments on the Presiding Member's Proposed
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- 2 Decision.
- I don't know if this is the appropriate
- 4 time also, too, and you can direct me one way or
- 5 the other. I have also passed out a letter from
- 6 Keith Lewinger, who is the General Manager of the
- 7 Fallbrook Public Utility District. We can move
- 8 that in as comments, as an additional exhibit on
- 9 the Presiding Member's Proposed Decision at this
- 10 time, or we can wait.
- 11 HEARING OFFICER CELLI: You know, I
- 12 think we're going to have to put it in as comment.
- MS. LUCKHARDT: After this?
- 14 HEARING OFFICER CELLI: Yes.
- MS. LUCKHARDT: Okay, that's fine.
- 16 HEARING OFFICER CELLI: So, with that,
- 17 I'm going to turn to staff and ask whether there's
- any objection to exhibits 63, 64, 65 or 66?
- MR. BABULA: No objection.
- 20 HEARING OFFICER CELLI: Thank you. Mr.
- 21 McPhee, do you have any objection to the receipt
- of exhibits 63, 64, 65 or 66?
- MR. McPHEE: What do they involve?
- 24 HEARING OFFICER CELLI: 63 is testimony
- 25 of Richard Jones regarding land use and the nature

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of the agreement between the two parties.
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- 2 MR. McPHEE: No objection.
- 3 HEARING OFFICER CELLI: 64 is the
- 4 testimony of Joseph Stenger regarding soil and
- 5 water resources. That was the one that had to do
- 6 with the discrepancy of the alternative said there
- 7 was something like 87 acrefeet per year, and that
- 8 was a wrong number. And the proper number was in
- 9 soils and water and --
- 10 MR. McPHEE: I'd like to hear that.
- 11 HEARING OFFICER CELLI: Well, actually,
- 12 that was -- well, let me ask, did you serve Mr.
- 13 McPhee with your testimony?
- MS. LUCKHARDT: Yes.
- 15 HEARING OFFICER CELLI: So that was that
- 16 packet that you would have received and the emails
- 17 that included the testimony.
- 18 MR. McPHEE: Was it sent (inaudible)
- 19 return card?
- 20 MS. LUCKHARDT: Sure, it's -- I have a
- 21 copy. I can hand him a copy of --
- MR. McPHEE: Because I didn't receive
- 23 it.
- MS. LUCKHARDT: It's just a page and a
- 25 half.

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1 HEARING OFFICER CELLI: Thank you, Ms.
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- 2 Luckhardt.
- 3 Just to be clear for the record, the
- 4 testimony of Joseph Stenger regarding soil and
- 5 water is to correct an error, a mistake of water
- 6 use in acrefeet per year that showed up in the
- 7 staff's assessment in the alternative section.
- 8 MR. McPHEE: No, I accept that, yeah,
- 9 it's right.
- 10 HEARING OFFICER CELLI: No objection?
- 11 MR. McPHEE: Correction, yeah.
- 12 HEARING OFFICER CELLI: Thank you. So,
- with that, 63 is received.
- Exhibit 64 -- I'm sorry, that was 64.
- 15 I'm going to receive them in a moment.
- The applicant's comments on the PMPD are
- 17 basically all of their comments about we misplaced
- 18 a comma here and all of the changes and edits that
- 19 staff submitted. Did you receive those?
- 20 MR. McPHEE: I didn't receive those, but
- 21 I'll accept that. It's typos that were made, and
- 22 I accept that.
- HEARING OFFICER CELLI: And then exhibit
- 24 66 is the testimony of Joseph Stenger regarding
- 25 traffic and transportation, which was designed to

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1 address questions having to do with the use of the
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- 2 flagmen on state route 76 during the boring
- 3 underneath of state route 76 for the gasline
- 4 pipeline.
- 5 MR. McPHEE: Okay. No, I accept that.
- 6 HEARING OFFICER CELLI: No objection?
- 7 MR. McPHEE: No objection.
- 8 HEARING OFFICER CELLI: Very well.
- 9 Exhibits 63, 64, 65 and 66 will be received into
- 10 evidence.
- 11 Anything further from applicant?
- 12 MS. LUCKHARDT: Nothing further at this
- 13 time.
- 14 HEARING OFFICER CELLI: Thank you. Now,
- at this time I'm going to turn it over to staff.
- 16 We have marked certain exhibits that I already
- 17 called out to you, 203 through 210. Okay, you
- 18 have a motion?
- 19 MR. BABULA: I'd like to move those all
- 20 into the record. And I don't have any staff here,
- 21 but there are declarations that were provided in
- lieu of staff being present. I'd like to enter
- 23 all those into the record.
- 24 HEARING OFFICER CELLI: Did you provide
- copies to Mr. McPhee, the intervenor?

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1 MR. BABULA: Yes, everybody received
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- 2 copies.
- 3 HEARING OFFICER CELLI: Very well.
- First, Mr. McPhee, any objection to exhibit 204,
- 5 205, 206, 207, 208, 209 or 210?
- 6 MR. McPHEE: Can I have some copies of
- 7 those here now? Can you explain what 203 -- these
- 8 are, please?
- 9 HEARING OFFICER CELLI: Certainly. 203
- 10 were staff's comments on the PMPD, again errors
- 11 and things --
- 12 MR. McPHEE: No, I have no objections,
- 13 no.
- 14 HEARING OFFICER CELLI: 204 was the
- declaration of Suzanne Phinney on --
- MR. BABULA: She was the one who
- initially put the wrong numbers in in
- 18 alternatives. So she was correcting that soil and
- 19 water numbers for the amount of water being used
- 20 with the correct number.
- 21 HEARING OFFICER CELLI: So that's the
- declaration that states that there was an error in
- 23 alternatives and corrects the error.
- MR. McPHEE: Okay, that's all right.
- 25 HEARING OFFICER CELLI: No objection?

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1 MR. McPHEE: No objection.
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- 2 HEARING OFFICER CELLI: Okay. Exhibit
- 3 205 is the declaration of Felicia Miller regarding
- 4 -- Ms. Miller?
- 5 MS. MILLER: Clarification on the
- 6 difference between a lease and a tolling
- 7 agreement.
- 8 HEARING OFFICER CELLI: Okay. So this
- 9 is a leasehold that they -- we made a
- 10 determination that they will be leasing, on top of
- 11 their tolling agreement, they're going to be
- 12 leasing the land from San Diego Gas and Electric.
- And as a public utility the land is exempt from
- 14 the Subdivision Map Act.
- 15 And so that --
- MR. McPHEE: Okay.
- 17 HEARING OFFICER CELLI: -- that was
- 18 unclear to us. And now it is.
- 19 MR. McPHEE: No objection to that. But
- 20 I have a state of California traffic control --
- oh, that's traffic control plans, okay.
- 22 HEARING OFFICER CELLI: That was part of
- the applicant's exhibits. So now we're just
- 24 talking about staff's exhibits --
- MR. McPHEE: Okay.

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1 HEARING OFFICER CELLI: -- at this
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- point. Also the letter dated January 7, 2009,
- 3 from the County of San Diego to Stephen Thome.
- 4 This is exhibit 206. That was the letter that
- 5 cleared up that they were exempt from the
- 6 Subdivision Map Act.
- 7 MR. McPHEE: Okay, no objection.
- 8 HEARING OFFICER CELLI: No objection.
- 9 We have exhibit 207, declaration of James Adams
- 10 with regard to the traffic controls during the gas
- 11 pipeline boring.
- MR. McPHEE: No, not -- I have no
- objection to that particular part.
- 14 HEARING OFFICER CELLI: Exhibit 208 is
- 15 the declaration of Robert Morris and order number
- 16 91-39, the waste discharge requirements for
- 17 Fallbrook Sanitary District by the California
- 18 Regional Water Quality Control Board, San Diego
- 19 Region, and addenda.
- 20 And that is basically, I guess I would
- 21 leave it up to Mr. Babula to probably give a
- better explanation, but it's really the rules that
- are going to govern the use of recycled water. Do
- I have that correct?
- MR. BABULA: Right. And the main reason

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for entering that is I had initially cross-
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- examined you, I referred to a document. And in
- 3 the PMPD that document was referred to as well,
- 4 but it wasn't in the record.
- 5 So to appropriately be referred to it
- 6 should be part of the record.
- 7 MR. McPHEE: -- to that, because I don't
- 8 believe that AMFA (phonetic) is providing
- 9 disinfected tertiary recycled water, as required
- 10 by the California laws related to recycled water.
- 11 Title 22, June 2001 edition. They are not
- 12 complying with that in my opinion.
- Definitions don't lie, okay.
- MR. BABULA: Well, their declaration is
- just authenticating this order number 91-39, that
- this is an appropriate copy of this order. So the
- waste discharge order is a true and correct copy.
- 18 That's what's being submitted.
- MR. McPHEE: What do you mean by the
- 20 waste, what waste discharge?
- 21 MR. BABULA: The letter you received,
- it's order number 91-39 which regulates the water
- 23 quality of the Fallbrook's discharges. That's
- 24 what I referred to when I asked you in cross-
- 25 examination. And so I just wanted to get that

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1 document into the record.
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- HEARING OFFICER CELLI: In other words,

 Mr. McPhee, exhibit 209 is a declaration of Jared

 Babula who says that I mistakenly referred to a

 document I believe is the NPDES document in cross
 examination, when what he was referring to was
- 8 So basically that's a correction to the
- 9 record, and that's why we opened the record.

this order number 91-39.

- 10 MR. McPHEE: Well, in an omission,
- 11 McPhee also asserts that the presence of ammonia
- in reclaimed water chemistry is not disinfected.
- 13 However, Mr. McPhee's testimony indicates that if
- 14 a disinfectant is -- I never ever said it
- disinfects recycled water.
- 16 HEARING OFFICER CELLI: That's not
- 17 really --
- 18 MR. McPHEE: -- uses chlorine for a
- 19 disinfectant, which means it disinfects its
- 20 potable water. I did not ever state that FPUD
- 21 disinfects its recycled water.
- 22 HEARING OFFICER CELLI: But that's not
- what's in issue here. The only thing we're doing
- is there was a misstatement of a document by Mr.
- 25 Babula. He claimed that the information he was

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1 eliciting from you was in the NPDES document. It
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- was actually in this other document. And they
- 3 want to put the proper document into the record,
- 4 which is this order from the San Diego --
- 5 MR. BABULA: Regional Water Quality
- 6 Control Board.
- 7 HEARING OFFICER CELLI: -- Regional
- 8 Water Quality Control Board, San Diego Region.
- 9 MR. McPHEE: Okay.
- 10 HEARING OFFICER CELLI: So that's all
- 11 we're doing right now.
- MR. McPHEE: Okay.
- 13 HEARING OFFICER CELLI: So, no
- 14 objection?
- MR. McPHEE: No objection to that.
- 16 HEARING OFFICER CELLI: And lastly, I
- 17 have -- so that was exhibit 208 and 209, because
- 18 209 is the declaration of Mr. Babula.
- 19 210 is staff's comments and corrections
- 20 to the PMPD, which as I stated before, are simply
- 21 their edits and comments to things that they found
- were wrong in the PMPD.
- 23 Any objection to that, Mr. McPhee?
- 24 MR. McPHEE: Repeat that again, please.
- 25 HEARING OFFICER CELLI: 210, exhibit 210

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1 are the comments made by staff in general. When
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- they read the PMPD and they found wrong statements
- 3 or misstatements or errors, edits that they wanted
- 4 to make, they gave us a list of what they call the
- 5 errata, which are the errors.
- 6 MR. McPHEE: Okay, no, I don't have any
- 7 problems with that.
- 8 HEARING OFFICER CELLI: That's what
- 9 we're talking about.
- 10 MR. McPHEE: There was a lot of errors
- in that document.
- 12 HEARING OFFICER CELLI: Yes. So, with
- 13 that motion to receive 203, 204, 205, 206, 207,
- 14 208, 209 and 210 is granted. Those are received
- into evidence.
- And -- no, one second. I'm not going to
- 17 receive them yet because I haven't heard from the
- 18 applicant.
- MS. LUCKHARDT: No objection.
- 20 HEARING OFFICER CELLI: Any objection to
- 21 203 through 210, inclusive?
- MS. LUCKHARDT: No objection.
- 23 HEARING OFFICER CELLI: Thank you. Now
- 24 exhibits 203 through 210 will be received into the
- 25 record.

Now, what I'd like to do is open for 1 2 public comment on only the issues raised in the documents. Is there anyone who wants to make a 3 comment on only the issues that were raised in 4 5 this section, that is the evidence that we just 6 took in? Any of the testimony of any of the declarants? Do I see anyone? Seeing none, then, the record is closed. 8 And we are now going to move on to the next part of our hearing, which is the errata and the 10 comments on the PMPD. 11 The staff and applicant were the only 12 13 people who filed comments on the PMPD on March 14 9th, both of them filed on March 9th. The comments have all been incorporated 15 into a draft errata. The draft errata is siting 16 on that table if anybody wants to take a look at 17 18 it. I recommend that you do if you want to stay with us. 19

The only real issue that I found that needs resolution today, and I'm going to open it to the parties to call anything else to my attention, would be the dispute over the land use.

There were two different versions of land use-1, and we will resolve that in this

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1 hearing.
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- 2 But what I'm going to do is turn it over 3 to the applicant first and ask the applicant to
- 4 make any comments on the errata. So, with that,
- 5 please, Ms. Luckhardt.
- 6 MS. LUCKHARDT: The only comment we had
- 7 related to, I believe, -- the only comment we had
- 8 or wanted to address today was in regards to your
- 9 errata number 18 which had to do with the two
- 10 separate verifications for land-1 --
- 11 HEARING OFFICER CELLI: Excuse me, I
- just need to get a copy.
- 13 (Pause.)
- 14 HEARING OFFICER CELLI: Okay, we're on
- 15 number 18?
- 16 MS. LUCKHARDT: Number 18. We had
- 17 requested that this requirement which relates to
- 18 providing applicable design standards and building
- 19 codes and evidence of design review to two
- 20 agencies at the county instead of three.
- 21 The first edit which both applicant and
- 22 staff made was deleting the and building
- inspection, because you can't inspect buildings 60
- days prior to the start of construction. So we're
- both on the same page there.

1	We had also asked that we just provide
2	this information to two departments in the county,
3	that is County of San Diego Environmental Health
4	because Environmental Health is required to review
5	the septic tank requirements. So those need to go
6	to Environmental Health.
7	And Public Works for code review. We're
8	concerned about getting comments back just from
9	two separate departments, let alone three, prior
10	to the start of construction on these. And that's
11	why we had asked that we just use San Diego
12	Department of Public Health and the Public Works
13	Department, as opposed to adding yet a third
14	department, Planning and Land Use and Building.
15	HEARING OFFICER CELLI: Thank you. And,
16	staff?
17	MR. BABULA: We have no objection to
18	that.
19	HEARING OFFICER CELLI: So you would be
20	willing to stipulate to applicant's proposed
21	verification?
22	MR. BABULA: Correct.
23	HEARING OFFICER CELLI: On land-1?

HEARING OFFICER CELLI: Mr. McPhee, any

MR. BABULA: Right.

24

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1 comment?
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- MR. McPHEE: No comment.
- 3 HEARING OFFICER CELLI: With that then
- 4 we would strike staff's proposed verification on
- 5 page 5 of the errata. We will adopt applicant's
- 6 proposed item number 18 proposed verification.
- 7 Anything further?
- 8 MS. LUCKHARDT: The only other thing
- 9 that we would like to do at this time, if this is
- 10 the appropriate time, is to introduce the letter
- 11 that we have passed around this morning from Mr.
- 12 Keith Lewinger, the General Manager of the
- 13 Fallbrook Public Utility District.
- 14 We would like that to come in as public
- 15 comment today. And also Mr. Lewinger is available
- 16 when it is the appropriate time to provide his
- 17 comments.
- 18 HEARING OFFICER CELLI: Thank you. We
- 19 will take public comment after we finish with the
- 20 parties on this section. So, if you'll just sit
- tight, Mr. Lewinger, we'll get to you. Thank you.
- 22 Staff, comments on the errata, please.
- MR. BABULA: I do have one comment. And
- 24 this is -- I'm not sure if you want to proceed to
- 25 this, actually have a new slight change to some of

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1 the text beyond the errata.
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- 2 HEARING OFFICER CELLI: Okay.
- MR. BABULA: Okay, on page --
- 4 HEARING OFFICER CELLI: Let's take them
- 5 in order.
- 6 MR. BABULA: Okay. Page 259, the
- 5 7 biology section, --
- 8 HEARING OFFICER CELLI: Oh, this is a
- 9 new --
- 10 MR. BABULA: Right. This would not be
- 11 on the errata, this would be in the PMPD, itself.
- 12 Or to find it, it would be in the --
- MR. McPHEE: I don't have that.
- MS. MILLER: Do you want to look at
- mine.
- MR. BABULA: Okay, the paragraph starts
- 17 with: The County of San Diego incorporates the
- 18 habitat of sensitive species protection measures
- 19 through their habitat loss permit."
- 20 And then the next line goes into "and
- 21 approve HPL's required before the San Diego County
- 22 Department of Public Works can issue a grading
- 23 permit and coastal sage scrub" and it goes all the
- 24 way to the end of the parentheses that ends in
- 25 "November 1999."

1	I propose striking everything from
2	"approve HPL" to "1999." Get rid of that section,
3	and then leave the rest which then would start,
4	"The Orange Grove project is currently under
5	review by the San Diego Public Works Department."
6	And the reason for that is to be
7	consistent with the change in soil and water-4
8	regarding the role of the grading permit. And the
9	fact that the compliance folks would be reviewing
LO	the information and then, if approved by them,
L1	then proceeding, as opposed to having the county
L2	issue the grading permit before any construction
L3	can begin.
L 4	HEARING OFFICER CELLI: Any questions
L 5	from the Committee? No. Any questions, Mr.
L 6	McPhee?
L7	MR. McPHEE: No questions, no.
L8	HEARING OFFICER CELLI: Applicant?
L 9	MS. LUCKHARDT: No question. Staff's
20	requested change, I think, is fine. It leaves in
21	the requirement for the habitat loss permit which
22	we are obtaining from the county.
23	HEARING OFFICER CELLI: Okay. So if
24	there's no objection then we would accept those.
25	MR. BABULA: Okay. I have no further

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1
        issues.
                   HEARING OFFICER CELLI: Very good.
 2
                   Mr. McPhee, it's your turn.
 3
 4
                   MR. McPHEE: My turn. What?
 5
                   HEARING OFFICER CELLI: What we're doing
         is we're looking at -- you've been provided with
 6
         the errata to the Presiding Member's Proposed
        Decision. And these are the changes that were
 8
         submitted --
                   MR. McPHEE: Okay.
10
                   HEARING OFFICER CELLI: -- to the
11
         Committee by the parties. And we're interested in
12
13
         knowing whether you have any comment on --
14
                   MR. McPHEE: I have a comment on comment
         number 26, page 202. It looks like page 7.
15
                   HEARING OFFICER CELLI: Okay.
16
                   MR. McPHEE: Mr. McPhee also asserts
17
         that the presence of ammonia in FPUD's reclaimed
18
        water profile indicates that FPUD's recycled water
19
20
        is not disinfected. Which is true.
21
                   However, Mr. McPhee's testimony also
         indicates that PUD disinfects its recycled water
22
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I stated that FPUD uses liquid chlorine

to disinfect its water, which means that FPUD uses

using chlorine. That's false.

23

24

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1 chlorine to disinfect its potable water. I never
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- 2 made any statement concerning disinfection of
- 3 recycled water with chlorine, ever.
- 4 MR. BABULA: I didn't write that.
- 5 (Laughter.)
- MR. McPHEE: Never.
- 7 (Laughter.)
- MR. McPHEE: It's false testimony.
- 9 HEARING OFFICER CELLI: Okay.
- 10 MR. McPHEE: Uses liquid chlorine to
- 11 disinfect its potable water.
- 12 HEARING OFFICER CELLI: So you're saying
- it refers to potable water, only?
- MR. McPHEE: Yes. Not recycled water,
- 15 potable water.
- 16 HEARING OFFICER CELLI: Okay. So you
- 17 want us to strike the word "recycled" --
- MR. McPHEE: Yes.
- 19 HEARING OFFICER CELLI: -- and enter
- 20 "potable"?
- MR. McPHEE: Yes. Strike the word
- "recycled" and leave "water" there.
- PRESIDING MEMBER BOYD: Well, would it
- 24 be better if we added "potable" there?
- 25 MR. McPHEE: Yes, it would be better to

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1 write potable water, and that would clarify my
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- 2 remark.
- 3 HEARING OFFICER CELLI: Very good.
- 4 Anything further?
- 5 MR. McPHEE: That's it. That's it, and
- 7 HEARING OFFICER CELLI: Very good.
- MR. McPHEE: -- on this errata comment
- 9 here.
- 10 HEARING OFFICER CELLI: Thank you very
- much. Any comment on Mr. McPhee's comment? Ms.
- 12 Luckhardt?
- MS. LUCKHARDT: We don't have the
- 14 transcript in front of us, but I think it probably
- 15 doesn't matter. I think Mr. McPhee has clarified
- his intent, so I think that's fine.
- 17 HEARING OFFICER CELLI: I think it is
- 18 clear.
- 19 MS. LUCKHARDT: And it's characterizing
- his testimony.
- 21 HEARING OFFICER CELLI: Staff?
- 22 MR. BABULA: I have no further comment
- on that.
- 24 HEARING OFFICER CELLI: Very good, very
- 25 efficient. So with that, then, is there anything

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further, Mr. McPhee?
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- 2 MR. McPHEE: No.
- 3 HEARING OFFICER CELLI: Okay.
- 4 MR. McPHEE: Not on this errata
- 5 statements.
- 6 HEARING OFFICER CELLI: Then what we
- 7 will do is we will incorporate these changes into
- 8 the PMPD and the recommended decision to the
- 9 Commission.
- 10 And at this point now we would open up
- 11 the microphone right here at the podium to public
- 12 comment. And I think what I'd like to do to
- 13 kick it off is have --
- 14 MR. McPHEE: Mr. Celli, I'd like to make
- one more comment on item number 26. It says:
- 16 Furthermore, staff noted at the evidentiary
- 17 hearing that FPUD's National Pollution Discharge
- 18 Elimination System permit indicates that FPUD
- 19 indeed produces disinfected tertiary recycled
- 20 water. And I disagree with that.
- 21 HEARING OFFICER CELLI: Did you read
- 22 this? In red, underneath that, is an additional
- insertion that corrects the record with regard to
- 24 the NPDES. That was that piece of evidence that
- 25 we took in earlier that Mr. Babula's testimony --

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MR. McPHEE: Staff subsequently
 1
         corrected the record to indicate that the document
 2
         they were referring to was order number 91-39,
 3
 4
         waste discharge requirements for Fallbrook
 5
         Sanitary District (see declaration number of
 6
         Jared --
                   HEARING OFFICER CELLI: Exhibit 209,
         that's what was received today.
 8
                   MR. McPHEE: Just because the waste
10
         discharge requirements for Fallbrook are what they
         say they are doesn't mean that's what Fallbrook
11
         Public Utility District is actually doing.
12
13
                   Because there's no indication by
14
         analysis, chemical analysis, that they are
         disinfecting. You know, what that they are
15
        producing --
16
                   HEARING OFFICER CELLI: One of the
17
18
         things that we're -- this whole process is really
19
         prospective in that we're trying to determine what
20
         all the potential impacts that might occur as a
21
         result of this power plant being constructed --
                   MR. McPHEE: Um-hum.
22
23
                   HEARING OFFICER CELLI: -- and for every
24
         potential impact, every possible thing we try to
         order a condition to mitigate whatever that might
25
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1 be.
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- MR. McPHEE: Um-hum.
- 3 HEARING OFFICER CELLI: So that
- 4 essentially it comes in as a neutral non-impactful
- 5 project.
- MR. McPHEE: Um-hum.
- 7 HEARING OFFICER CELLI: The project
- 8 hasn't started yet.
- 9 MR. McPHEE: No, I know that.
- 10 HEARING OFFICER CELLI: And so what FPUD
- is doing today doesn't necessarily control what
- they're going to be doing with regard to this
- 13 power plant. Because we, and the California
- 14 Energy Commission having jurisdiction over power
- 15 plants, require that if this power plant goes in
- this power plant may not operate unless every
- 17 single condition that has been imposed upon the
- 18 applicant is in full compliance.
- MR. McPHEE: Who's going to inspect
- 20 that?
- 21 HEARING OFFICER CELLI: The California
- 22 Energy Commission has what we call the CPM, the
- compliance project manager, who oversees a CBO,
- oversees all of the biological, the cultural
- 25 people. It's essentially a network of people who

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1 oversee every part of the construction of this
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- power plant to make sure that they're in
- 3 compliance.
- 4 And I can tell you, because I used to be
- 5 the compliance attorney for the Energy Commission,
- 6 that --
- 7 (Parties speaking simultaneously.)
- 8 MR. McPHEE: -- inspectors that go out
- 9 to the field and inspect?
- 10 HEARING OFFICER CELLI: That's right.
- MR. McPHEE: That's what they do?
- 12 HEARING OFFICER CELLI: Yes.
- MR. McPHEE: Well, that's good.
- 14 HEARING OFFICER CELLI: And so what I --
- 15 MR. McPHEE: That has not before been
- indicated to me that this is what happens.
- 17 HEARING OFFICER CELLI: Oh, absolutely.
- 18 MR. McPHEE: I've been an inspector and
- 19 I've been an inspector for the City of San Diego.
- 20 Actually I'm certified, the pump station
- 21 certification. And I've seen inspectors pass
- things that I never pass.
- 23 As a matter of fact, on one project I
- 24 had something like 200 pages of correction items
- 25 before I would certify that installation to be

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1 absolutely correct.
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- And I certainly want the California

 Energy Commission and you guys to make certain

 that everything that is supposed to be is actually

 going to be. And that's what I'm asking.
- HEARING OFFICER CELLI: That's what we

 do. And moreover, in addition to the authority to

 check out a power plant, which costs them tons of

 money, we also have the ability to impose fines.
- And so that's the whole purpose of this.

 First, we're setting up what the rules are going

 to be, then we make sure and watchdog that the

 power plant complies with all of the rules.
- MR. McPHEE: One of the things that

 makes me a little nervous is it was published in

 the "North County Times" that the Orange Grove

 Power Plant has never before built a power plant

 here.
- 19 HEARING OFFICER CELLI: Well, the owners
 20 have.
- 21 MR. McPHEE: It makes me nervous.
- 22 HEARING OFFICER CELLI: But they hire
- people who have, and that's who's here.
- 24 The reason I'm saying this is because if
- 25 FPUD is not producing, you know, tertiary recycled

1 water as they are required to do then the CPM will

- 2 shut them down.
- 3 MR. McPHEE: It's disinfected tertiary
- 4 recycled water.
- 5 HEARING OFFICER CELLI: Correct.
- 6 MR. McPHEE: Title 22 specifies four
- different types of recycled water. It's
- 8 disinfected secondary 2.2 recycled water;
- 9 disinfected secondary 22 recycled water -- or 23
- 10 recycled water; disinfected tertiary recycled
- 11 water; and undisinfected secondary recycled water.
- 12 And that undisinfected secondary
- 13 recycled water must be oxidized. All four of them
- 14 have to be oxidized to remove that stinking odor
- that normally goes with recycled water.
- 16 HEARING OFFICER CELLI: Well, I had to
- 17 laugh because as I was reading, oh, I think it was
- 18 the order number 91-39 or whatever, they used the
- 19 word reclaimed. And I was thinking of you as I
- 20 was reading.
- MR. McPHEE: They used it. I've got it
- in a document here where they're using it.
- MR. BABULA: The later addendums --
- 24 HEARING OFFICER CELLI: That's right.
- They're changing the language, they're using

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1 recycled.
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- 2 But, in any event, what I would like to
- 3 do then is, so we are now finished with this part
- 4 of the errata.
- 5 MR. McPHEE: Okay, great.
- 6 HEARING OFFICER CELLI: We're going to
- 7 accept the errata as described.
- 8 I wanted to open it up to public comment
- 9 on the errata. And I was going to ask Mr.
- 10 Lewinger if you would please kick it off. We're
- in receipt of this letter which we will accept in
- 12 the docket as part of the comment.
- 13 MR. LEWINGER: Thank you, Mr. Chairman,
- 14 Commission. Let me introduce myself, Keith
- 15 Lewinger, General Manager of Fallbrook Public
- 16 Utility District.
- 17 First, let me give you some of my
- 18 credentials regarding recycled water. I started
- 19 my career 37 years ago at Los Angeles County
- 20 Sanitation Districts where I was involved in the
- 21 use of recycled water for groundwater recharge.
- I then went to Irvine Ranch Water
- 23 District where it's one of the nation's leading
- 24 users and developers of recycled water. While I
- was there I developed the concept of using

1 recycled water for flushing toilets and urinals in

- 2 high-rise office buildings. I also came up with
- 3 the color purple to be used for the purple pipe
- 4 that you keep hearing about.
- 5 Then I went to Otay Water District in
- 6 San Diego County where we had an active recycled
- 7 water program.
- 8 And then I finally came to Fallbrook
- 9 Public Utility District. I'm a registered civil
- 10 engineer in the state of California. I'm a
- 11 certified planner with the American Institute of
- 12 Certified Planners.
- 13 I was a member of the Governor's
- Recycled Water Task Force in 2006. I was a member
- 15 of the board of directors of the Water Reuse
- 16 Association National. I was a member of the board
- of directors of the California Water Reuse
- 18 Association. And I was President of the Water
- 19 Reuse Association of California.
- I was also called in as an expert
- 21 witness on recycled water in the U.S. v. San Diego
- 22 case. So I think my credentials speak for
- themselves.
- 24 With respect to our compliance with our
- 25 waste discharge requirements, that compliance is

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1 regulated by the Regional Water Quality Control
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- 2 Board. We produce fully disinfected tertiary
- 3 effluent under Title 22. We have for the last 15
- 4 years, and we still do.
- 5 This treated wastewater tertiary
- 6 effluent is treated with chlorine, fully
- 7 disinfected and meets all the requirements of
- 8 Title 22, fully disinfected tertiary effluent.
- 9 The water that we're going to supply to
- this project will be from that treatment plant.
- 11 It'll be fully disinfected tertiary effluent.
- 12 I can answer any questions you might
- have, but that's the case, those are the facts.
- 14 We have never been -- I don't want to say never,
- but we've had minor offenses in not meeting all
- the requirements in our waste discharge
- 17 requirement, as any treatment plant does.
- 18 Sometimes your treatment plant produces off-spec
- 19 water.
- In Fallbrook we have the unique
- 21 opportunity, when our effluent is not meeting full
- 22 tertiary disinfected Title 22 standards, we can
- 23 dispose of that water through an ocean outfall
- into the ocean. And so therefore if it's
- discharged into the ocean, we only have to meet

- secondary effluent requirements.
- 2 So when we're not producing fully
- 3 treated tertiary effluent that meets all the
- 4 standards of the Regional Board, we err on the
- 5 side of caution and discharge that water to the
- 6 Pacific Ocean.
- 7 And for that period of time we
- 8 supplement our recycled water system with potable
- 9 water from our drinking water supply. So that's
- 10 how we make up the difference when we don't have
- 11 treated tertiary effluent that is available.
- 12 We have not had to do that in about the
- last five years. So, we've had a pretty good
- 14 record. Every once in awhile something goes bump
- in the night and your treatment plant is not quite
- 16 producing spec water. That happens in every
- 17 treatment plant in the country. When that happens
- 18 we discharge to the ocean. Get the treatment
- 19 plant running right again. And then we're
- 20 producing tertiary effluent.
- 21 For the other, the potable water that we
- said we're going to supply to the power plant,
- that water will only be available when we are in
- 24 less-than-level-two drought conditions here in
- 25 Fallbrook.

1	What that means is that anytime that we
2	are in a condition where we have asked our
3	customers to mandatorily cut back on their water
4	supply, we will not supply any potable water to
5	the power plant. They have the ability to still
6	get recycled water, but we will not supply them
7	with potable water during those periods.
8	I'd be happy to answer any questions you
9	might have.
10	HEARING OFFICER CELLI: Commissioners?
11	PRESIDING MEMBER BOYD: Just out of
12	curiosity, what state are we in at the present
13	time down here?
14	MR. LEWINGER: Stage one.
15	PRESIDING MEMBER BOYD: Stage one.
16	MR. LEWINGER: We will probably go to
17	stage two in July.
18	HEARING OFFICER CELLI: Commissioner
19	Rosenfeld? Any Advisors?
20	It was brought to our attention that
21	there's ammonia, there's some traces of ammonia in
22	the recycled water. And I wanted to know if you
23	would be able to address that.

MR. LEWINGER: We have ammonia limits in

our discharge requirements from the Regional Water

24

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1 Quality Control Board. We meet those limits.
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- 2 The presence of ammonia in the effluent
- 3 does not mean that it has not been disinfected.
- 4 It simply means that all the ammonia has not been
- 5 oxidized. But that does not mean that it hasn't
- 6 -- let me put that in the positive. I can
- guarantee you that it has been fully disinfected
- 8 per the requirements of Title 22. And that is
- 9 reviewed monthly by the Regional Water Quality
- 10 Control Board.
- It's analyzed on a daily basis at our
- 12 treatment plant, in the laboratory. Those results
- 13 are supplied to the Regional Water Quality Control
- 14 Board. And they review our documentation. And we
- 15 have not received any violations.
- 16 HEARING OFFICER CELLI: I have no
- further questions. And I want to, first of all,
- than you very much for coming down.
- MR. LEWINGER: My pleasure.
- 20 HEARING OFFICER CELLI: This was really
- 21 informative. And we had a lot of discussion about
- 22 the recycled water that would be used in this
- power plant.
- 24 MR. LEWINGER: And I can absolutely
- assure that we meet all the requirements for fully

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1 treated tertiary effluent. And one of those uses
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- is used for manufacturing and other types of uses.
- This water is also, just to give you an
- 4 idea, it's okay to swim in. That's one of the
- 5 accepted uses, direct body contact.
- 6 HEARING OFFICER CELLI: That's
- 7 excellent. I just, you know, really the one party
- 8 who had the most concern about the water was
- 9 intervenor Mr. McPhee with regard to the use of
- 10 the recycled water.
- 11 And I'm sure that the Committee's
- 12 satisfied with the state of the evidence we have
- 13 right now. I just wondered if it would be okay
- 14 with you if Mr. McPhee had any questions --
- 15 MR. LEWINGER: I will take his best
- 16 shot.
- 17 HEARING OFFICER CELLI: -- that you
- 18 could --
- MR. McPHEE: Well, there's was no
- 20 unreacted to hypochlorite in your chemical
- 21 analysis which is a requirement --
- MR. LEWINGER: Excuse me?
- 23 MR. McPHEE: No unreacted hypochlorite
- in your effluent, which is a requirement of fully
- 25 disinfected. In other words, continuing addition

1 of chlorine past the break point will result in a

- 2 direct proportional increase in the free available
- 3 chlorine unreacted hypochlorite.
- 4 MR. LEWINGER: Mr. McPhee, you can
- 5 read --
- 6 MR. McPHEE: And that's a requirement by
- 7 law that you have to have free chlorine, unreacted
- 8 hypochlorite in the effluent. It's not there.
- 9 HEARING OFFICER CELLI: May I ask, Mr.
- 10 McPhee, what are you reading from?
- 11 MR. McPHEE: This is from a wastewater
- 12 engineering, collection, treatment and disposal by
- 13 the McGraw Hill series in water resources and
- 14 engineering. And it's Metcalf and Eddy, who are
- 15 really renown editors and publishers in water and
- 16 wastewater --
- 17 HEARING OFFICER CELLI: So is that some
- 18 sort of report on the quality of the tertiary
- 19 recycled water at Fallbrook?
- 20 MR. McPHEE: Well, no, by law. By law.
- 21 It doesn't matter whether it's water or
- 22 wastewater. You have to have a residual of
- chlorine in the water.
- 24 And in wastewater the chlorine is going
- 25 to show up as unreacted hypochlorite.

1	MR.	LEWINGER:	Mr.	Celli.
<u>L</u>	MK.	TEMINGER:	Mr.	

- 2 HEARING OFFICER CELLI: Yes.
- 3 MR. LEWINGER: May I respond --
- 4 MR. McPHEE: There is no -- there is
- 5 no --
- 6 MR. LEWINGER: -- at some point here?
- 7 HEARING OFFICER CELLI: Yes. So,
- 8 please, Mr. Lewinger.
- 9 MR. LEWINGER: Yeah. What Mr. McPhee is
- 10 quoting from is a great textbook written by
- 11 Metcalf and Eddy. It is not the regulations that
- 12 the Regional Water Quality Control Board
- 13 stipulates the Fallbrook Treatment Plant must
- 14 operate under.
- They're the ones who set the rules.
- 16 They follow the guidelines set in Title 22, which
- are issued by the state of California, not Metcalf
- 18 and Eddy. And we meet all of those requirements
- 19 that are issued by the Regional Board of the state
- of California.
- 21 HEARING OFFICER CELLI: Yes, you
- 22 mentioned that they do a monthly review of your
- daily analysis, is that correct?
- MR. LEWINGER: That's correct.
- 25 HEARING OFFICER CELLI: So, --

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1 MR. McPHEE: What other treatment do you
2 do besides disinfection? Anything else?
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MR. LEWINGER: The wastewater comes into
the treatment plant. Solids are removed in a
settling tank. We then go through a biological
process of activated sludge. The activated sludge

is then settled in the final clarifiers.

We then go through a filtration process

9 using dual media filtration. And then after the
10 dual media filtration process, the water is
11 disinfected with chlorine.

12 HEARING OFFICER CELLI: So, --

MR. McPHEE: But the requirements of the disinfected tertiary treated -- disinfected tertiary recycled water is oxidation.

MR. LEWINGER: Mr. McPhee, that --

MR. McPHEE: You didn't measure any

oxidation, did you?

19 MR. LEWINGER: Mr. McPhee, chlorination

20 is oxidation.

8

18

MR. McPHEE: No, it is not. It's --

MR. LEWINGER: And --

MR. McPHEE: -- it has to be oxidized --

24 HEARING OFFICER CELLI: Mr. McPhee, --

25 (Parties speaking simultaneously.)

MR. McPHEE: -- a residual of oxygen -
MR. LEWINGER: Mr. McPhee, Mr. McPhee,

you're reading from a textbook. I go by what the

Regional Board requires us to do to meet our

permits and what they say we have to do to meet

Title 22. I don't refer to Metcalf and Eddy's

textbook to determine how my treatment plant needs

to operate to meet the law.

The Regional Water Quality Control Board knows what Title 22 is all about. They set our requirements. The Committee has a copy of permit waste discharge order 91-39. That includes all of the requirements that we must meet in order to satisfy Title 22, which is the state code in California, to be able to use recycled water for various purposes.

We meet all of those requirements. It's up to the Regional Board to decide what treatment processes we have to follow, what level of chlorination we provide and what the residual chlorine has to be to meet their requirements. We meet all the requirements of the Regional Water Quality Control Board.

MR. McPHEE: You do not. California -
HEARING OFFICER CELLI: And you --

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1 MR. McPHEE: Now, just a minute, let me
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- 2 finish. California --
- 3 HEARING OFFICER CELLI: Mr. McPhee, let
- 4 me just say something that Mr. Lewinger is not a
- 5 witness who is under cross-examination.
- 6 MR. McPHEE: Okay.
- 7 HEARING OFFICER CELLI: He's a commenter
- 8 who was gracious enough to allow me, and I
- 9 appreciate your responding to the questions --
- 10 MR. McPHEE: Can I respond to the
- 11 oxidation requirements?
- 12 HEARING OFFICER CELLI: I just -- and,
- 13 yes, you may -- I just want to make the point that
- I had the question with regard to the ammonia
- because it was raised up in the record by you
- 16 earlier.
- MR. McPHEE: Um-hum, by me.
- 18 HEARING OFFICER CELLI: Yes. And while
- 19 I still have Mr. Lewinger here, you can make your
- 20 comments, too, if you wish, but I just wanted to
- 21 take advantage of the fact that he was here, let
- 22 him answer a couple of questions.
- But I don't want him to be cross-
- 24 examined --
- MR. McPHEE: Okay.

1	HEARING OFFICER CELLI: cross-
2	examined, because he's not a witness. He's here
3	voluntarily as a contribution to these
4	proceedings.
5	And so if you have one more question,
6	and if it's acceptable to Mr. Lewinger, I think
7	that that would suffice.
8	MR. McPHEE: It says here California
9	health laws related to recycled water, Title 22,
10	June 2001 edition. Disinfected secondary 2.2
11	recycled water means recycled water that has been
12	oxidized and disinfected. Disinfected secondary
13	23 recycled water means recycled water that's been
14	oxidized and disinfected.
15	Disinfected tertiary recycled water
16	means filtered and subsequently disinfected
17	wastewater. And over here it says filtered
18	wastewater means oxidized wastewater. And it
19	talks about oxidized wastewater.
20	And these are all out of the California
21	health laws related to recycled water, not Metcalf
22	and Eddy. And it says oxidized wastewater means
23	wastewater in which organic matter has been

stabilized in the nonputri --, which means it

doesn't stink anymore, and contains dissolved

24

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1 oxygen.
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- 2 There's nothing in your analysis here
- 3 that tells me that your wastewater contains
- 4 dissolved oxygen.
- 5 I'm reading directly out of the
- 6 California health laws related to recycled water
- 7 Title 22.
- 8 HEARING OFFICER CELLI: Mr. Lewinger,
- 9 please.
- 10 MR. LEWINGER: The Regional Water
- 11 Quality Control Board is the state agency that's
- 12 responsible for interpreting Title 22 and
- 13 specifying the treatment train that must be used
- 14 by all treatment plants to meet the requirements
- 15 in Title 22.
- I don't make this stuff up. The
- 17 Regional Board has given us a document that's
- probably a half an inch thick that tells us
- 19 exactly how we have to run our treatment plant;
- 20 what tests we have to run; what the limits are;
- and what we can't go over and what we can't go
- 22 under.
- 23 We meet all the requirements in that
- 24 document that have been specified by the Regional
- 25 Water Quality Control Board in order to, in their

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opinion, meet all the requirements of Title 22.
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- They are the regulatory agency. Not Mr. McPhee,
- 3 not Metcalf and Eddy, not me, not this
- 4 organization.
- 5 It's the Regional Water Quality Control
- 6 Board that has that responsibility. They dictated
- 7 that to us. We have not changed anything that
- 8 they have required of us. We meet all the
- 9 requirements of the Regional Water Quality Control
- 10 Board for our wastewater to be classified as fully
- disinfected tertiary effluent.
- 12 HEARING OFFICER CELLI: Thank you very
- much.
- MR. LEWINGER: Thank you.
- 15 HEARING OFFICER CELLI: We really
- appreciate your coming in today, and --
- 17 MR. LEWINGER: Good luck.
- 18 HEARING OFFICER CELLI: -- educating us
- on this point. I don't have --
- 20 PRESIDING MEMBER BOYD: Let me ask Mr.
- 21 McPhee a question here. I mean I've been quite.
- 22 I've spent eight years of my long life in the
- 23 water business, too. And I've been here
- 24 recognizing that we're guided by the regulations
- of the Regional Water Quality Control Board.

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1 We have in our record now their order
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- 2 number 91-39 and all the addenda thereto. This is
- 3 the governing law. This is the agency that
- 4 enforces the law.
- 5 I have to infer from what you've been
- 6 saying that maybe you don't think the Regional
- Water Quality Control Board is following state
- 8 law?
- 9 MR. McPHEE: I haven't seen any
- 10 publications from the Regional Water Quality
- 11 Control Board --
- 12 PRESIDING MEMBER BOYD: Have you ever --
- MR. McPHEE: -- but I certainly have
- 14 publications from the --
- 15 PRESIDING MEMBER BOYD: Have you ever
- 16 read --
- 17 MR. McPHEE: -- California health laws
- 18 related to recycled water.
- 19 PRESIDING MEMBER BOYD: Are you familiar
- 20 with this order that's --
- MR. McPHEE: No, I'm not familiar with
- 22 it. But the law is California health laws related
- 23 to recycled water --
- 24 PRESIDING MEMBER BOYD: These are the
- 25 people who interpret --

1 MR. McPHEE: -- not the Regional Water

- 2 Quality Control Board.
- 3 PRESIDING MEMBER BOYD: Oh, yes, they
- 4 have to interpret the law and put into place these
- 5 requirements --
- 6 MR. McPHEE: Well, does he have any
- 7 indication -- did he present anything in
- 8 publication that would verify what he said? I
- 9 don't know, I haven't seen the Regional, but I do
- 10 have the California health laws. And it says
- 11 published codes are available on the internet.
- 12 They're also available in law libraries and your
- 13 county bar association for the nearest location.
- So, all I'm doing is quoting what the
- 15 law actually states. If you want to look at that
- handout that I gave you it'll state, you can see
- 17 in that handout that I gave you what I'm talking
- 18 about right now.
- 19 These --
- 20 PRESIDING MEMBER BOYD: I'm guided by
- 21 these documents here, which are from the Regional
- 22 Water Quality Control Board. It is their order
- number 91-39 that applies specifically to this
- 24 plant. And they are the state agency charged with
- 25 interpreting state law and putting requirements

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into their regulations. So, --
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- 2 MR. McPHEE: Does it state anything
- 3 about oxidized or disinfection?
- 4 MR. BABULA: Page 3 of it says, this is
- 5 their -- do you have a copy of this?
- 6 HEARING OFFICER CELLI: This is exhibit
- 7 number 208 for the record.
- 8 MR. BABULA: I can read quickly. On
- 9 page 3 it says plant number 1 uses the following
- 10 treatment process. Prechlorination for odor
- 11 control, bar screens for coarse solid removal,
- 12 aerated grit tank removal, primary sedimentation,
- interstage pumping, emergency overflow holding,
- 14 fine bubble aeration, activated sludge, secondary
- 15 sedimentation, secondary effluent equalization and
- 16 chlorine disinfection.
- 17 And then it goes to --
- MR. McPHEE: -- biological treatments,
- 19 yeah. Right.
- 20 MR. BABULA: -- it goes to this
- 21 flocculation tank, rapid sand filters and then
- 22 chlorine disinfection again.
- So this is -- the reason --
- MR. McPHEE: Tertiary treatment --
- 25 (Parties speaking simultaneously.)

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MR. BABULA: This order is supposed to
 1
         outline, as the prior person commented on, this is
 2
         sort of what they need to follow. So this was the
 3
 4
         order they are under.
 5
                   If your issue is that that's not
 6
         sufficient, then that would be something the
         Regional Water Quality Control Board --
                   (Parties speaking simultaneously.)
 8
                   MR. McPHEE: -- it's not sufficient for
 9
         any --
10
                   MR. BABULA: -- that would be --
11
                   (Parties speaking simultaneously.)
12
13
                   HEARING OFFICER CELLI: The point, and
14
         that's really the bottomline, that if you're not
         satisfied with the existing laws or the way that
15
         the laws are being interpreted by the Regional
16
         Water Board, that that would be something that you
17
18
         would need to take to the Regional Water Board,
         themselves. Because they're the people who could
19
20
         do something about it.
21
                   We, at this juncture, are just looking
         to make sure that we are, you know, that this
22
23
         power plant is going to be using tertiary recycled
24
         water that is disinfected. And the law would
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25

require that. We would be satisfied that the

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1 power plant will operate in compliance with the
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- law. And we will have a compliance project
- 3 manager there to make sure that they are, in fact,
- 4 in compliance.
- 5 MR. McPHEE: I would like to know the
- 6 difference between what is actually being done and
- 7 what the California health laws related to
- 8 recycled water, and these are laws.
- 9 HEARING OFFICER CELLI: And that's
- 10 outside of my --
- MR. McPHEE: They're requirements.
- 12 HEARING OFFICER CELLI: -- though.
- 13 That's a Regional Water Board issue, not a power
- 14 plant issue. So.
- MR. McPHEE: Is the Regional Water
- Quality Control Board saying that it doesn't have
- 17 to be oxidized?
- 18 HEARING OFFICER CELLI: That is doesn't
- 19 have to --
- MR. McPHEE: Doesn't have to be
- 21 oxidized.
- 22 HEARING OFFICER CELLI: I don't know.
- 23 And that's not our -- we don't have to make that
- 24 decision as -- the Energy Commission doesn't have
- 25 to make a decision about how the Water Board

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1 interprets and implements the laws.
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- But I would -- and I see now that you're

 an effective advocate. I think that it would be

 appropriate for you to take that question to the

 Water Board if you wanted to follow up on that.
- 6 Because that would be helpful.
- 7 MR. McPHEE: By the time I got an answer 8 back from them you guys will have already made 9 your decision.
- HEARING OFFICER CELLI: Only this.Let's just say that you discovered that the water
- that they were using was improper or illegal or
- didn't meet the specifications in our conditions,
- 14 then the CPM would have the right to shut down the
- 15 plant.

17

- 16 MR. McPHEE: Well, you have made
- 18 you have stated in your comments recycled water,

conditions for the water, the recycled water, and

- 19 tertiary treated recycled water, tertiary treated
- 20 reclaimed water, reclaimed water, everything else
- 21 like that.
- 22 And you're so far all over the -- I mean
- I can find at least 200 instances where you have
- 24 called -- you called it recycled water, reclaimed
- 25 water, --

```
(Parties speaking simultaneously.)
 1
                   HEARING OFFICER CELLI: -- because I did
 2
         a find/change in my word processor and I looked
 3
 4
         for reclaimed, and we don't have that word in
 5
         here.
 6
                   MR. McPHEE: Reclaimed, reclaimed water
         is what you --
                   HEARING OFFICER CELLI: That's correct.
 8
                   MR. BABULA: No, we're using recycled,
 9
         it was staff that always had all recycled. It was
10
         the applicant in some of their text that had
11
         reclaimed. We had made it all consistent.
12
13
                   I want to point out quickly, which might
14
         help you, soil and water-8 requires that the
         applicant, when they're doing the water getting
15
         analyzed, and that it follows Title 22, Title 17.
16
                   So, if, in the event, hypothetically
17
18
         speaking, if Fallbrook's water doesn't meet the
         safety standards, or doesn't meet Title 22, Title
19
20
         17, then -- and you had to follow the Regional
21
         Water Quality Board's stuff. And your feeling is
         the Regional Board's process is incorrect, then
22
         the water coming out, if it doesn't meet Title 17,
23
24
         Title 22, soil and water-8 deals with that because
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25

it requires that there be a report on the water

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1 quality. And it has to meet soil and water-8.
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- 2 And the verification must show the water
- 3 meets Title 22 and Title 17 before it can be used.
- 4 And so if the water doesn't meet the standards,
- 5 the health standards, which is your ultimate
- 6 concern is the water's safe --
- 7 MR. McPHEE: Yes.
- 8 MR. BABULA: I think soil and water-8,
- 9 you should take a look at that and read soil and
- 10 water-8 --
- MR. McPHEE: Right. I don't want to
- have myself sprayed with water. I don't want
- anybody else to be sprayed with this reclaimed
- water that causes health problems.
- MR. BABULA: Right, and that's
- understandable. And the other fact, remember this
- 17 is going into a -- this isn't going to be sprayed
- around a golf course; this is going to be a
- 19 restricted area in a power plant.
- MR. McPHEE: Well, but you're
- 21 transporting it all through Fallbrook. And I go
- down that Mission Road every day almost to go to
- the grocery store. And I don't want to have that
- 24 stuff spraying on me, either.
- MR. BABULA: Right.

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1 HEARING OFFICER CELLI: We appreciate --
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- 2 PRESIDING MEMBER BOYD: Mr. McPhee,
- 3 you're basically saying the Regional Water Board
- 4 is not doing its job.
- 5 MR. McPHEE: I'm saying I can't make
- 6 that statement until I look at their --
- 7 (Parties speaking simultaneously.)
- 8 PRESIDING MEMBER BOYD: I'm going to
- 9 donate to you my exhibit here today to --
- MR. McPHEE: Okay.
- 11 PRESIDING MEMBER BOYD: -- take back and
- 12 study this, and compare it with what state law is.
- 13 And if you find a difference you should take that
- 14 concern to the Regional Board.
- MR. McPHEE: I should, yes, um-hum.
- 16 PRESIDING MEMBER BOYD: Indeed.
- 17 MR. McPHEE: And I will, yes.
- 18 HEARING OFFICER CELLI: And with that I
- 19 want to keep us back on track --
- MR. McPHEE: Okay.
- 21 HEARING OFFICER CELLI: -- because this
- is the public comment period now. I want to thank
- you, though. I thought that that was a useful
- 24 discussion.
- I did not collect any blue cards from

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1 anybody who wanted to make a comment. Is there
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- 2 anyone here who would like to make a comment on
- 3 the errata or anything having to do with the
- 4 Orange Grove Peaker Power Plant?
- 5 The record should reflect we have
- 6 probably 20 people here, nobody's raising their
- 7 hand, nobody's interested in making a comment.
- 8 I want to thank you for being here --
- 9 MR. McPHEE: Does this include what
- 10 we've been talking about? Because I would like to
- 11 expand a little bit upon what I've been talking
- 12 about.
- 13 HEARING OFFICER CELLI: Well, --
- MR. McPHEE: Because until I see
- 15 something in writing that says it doesn't have to
- be oxidized, then I have a valid complaint.
- 17 HEARING OFFICER CELLI: Well, what I --
- 18 MR. McPHEE: What I'm doing is agreeing
- 19 with the law, the California health laws.
- 20 HEARING OFFICER CELLI: We appreciate
- 21 that. What I'm going to do is I'm going to let
- you have the last word, Mr. McPhee.
- 23 (Laughter.)
- 24 HEARING OFFICER CELLI: You have the
- 25 floor.

1 MR. McPHEE: Okay. What I'm complaining

- 2 about is the concerns of endangerment of
- 3 California workers and the general public as
- 4 previously identified in my correspondence to Mr.
- 5 Babula.
- 6 I'm talking about endangerment of the
- 7 health of Orange Grove Energy Power Plant workers
- 8 and others by permitting the use of tertiary
- 9 treated sewage water, also known as tertiary
- 10 treated reclaimed water, also known as tertiary
- 11 treated recycled water, also known as water code
- 12 recycled water instead of the lawfully required
- disinfected tertiary recycled water.
- 14 And what I am requesting that in all
- 15 your documentations you specify disinfected
- 16 tertiary recycled water, which is oxygenated,
- filtered, but with a either reverse osmosis,
- 18 nanofiltration or ultrafiltration, or just plain
- 19 filtration. Which includes detailed definitions
- of disinfected recycled water uses.
- 21 And what I did in this documentation
- here was identify the uses, the required uses of
- 23 disinfected tertiary -- of disinfected tertiary
- 24 recycled water.
- 25 And it says food crops including all

edible root crops where the recycled water comes

- in contact with the edible portion of the root,
- 3 parks and playgrounds, schoolyards, residential
- 4 landscaping, unrestricted golf courses.
- 5 Now, residential landscaping and Mr.
- 6 Lewinger is telling me that his recycled water is
- 7 used for homeowners association irrigation. Now,
- 8 it says no recycled water use for irrigation; or
- 9 soil that has been irrigated with recycled water
- 10 shall come in contact with the edible portion of
- food crops eaten raw by humans unless it's
- 12 disinfected tertiary recycled water.
- 13 Disinfected tertiary recycled water
- shall be used for nonrestricted recreational
- 15 commons; recycled water used for industrial or
- 16 commercial cooling or air conditioning that
- 17 involved the use of cooling tower, evaporator,
- 18 condenser, spray or a mechanism that creates a
- 19 mist shall be disinfected tertiary recycled water.
- 20 And then, of course, that involves the
- 21 water used for cooling by the Orange Grove Power
- 22 Plant.
- 23 And disinfected recycled water shall,
- not can, shall be used for flushing toilets and
- 25 urinals, -- industrial processed water that may

1 come in contact with workers. And that's what I'm

- talking about. That's why I'm concerned about
- 3 health concerns.
- 4 Structural fire fighting, decorative
- 5 fountains, commercial laundries -- potable water
- 6 pipelines; artificial snowmaking for commercial
- 7 outdoor use. Commercial car washes, including
- 8 hand washes, if the recycled water is not heated,
- 9 and where the general public is excluded from the
- 10 washing process.
- 11 Disinfected tertiary disinfected
- 12 secondary 2.2 water is used for surface irrigation
- of food crops where the edible portion is produced
- 14 above ground and not contacted by the recycled
- 15 water, shall be at least disinfected secondary 2.2
- 16 recycled water.
- 17 And for disinfected tertiary disinfected
- 18 secondary 23 recycled water can be used in
- 19 cemeteries, freeway landscaping, restricted golf
- 20 course access, ornamental nurseries, stock and sod
- 21 farms when accessed by the general public is not
- 22 restricted. Pastures for animals producing milk
- for human consumption, any nonedible vegetation or
- 24 access is controlled so that the irrigated area
- cannot be used as if it were part of a park or

1 playground or schoolyard. Note schoolyard.

Industrial boiler feed, nonstructural

fire fighting, backfill consolidation, nonpotable

water -- compaction mixing concrete, dust control

on roads and streets, cleaning roads, sidewalks

and outdoor areas. And industrial process water

that will not come in contact with workers.

And undisinfected secondary recycled water, orchards where the recycled water does not come in come in contact with the edible portion of a crop; vineyards where the recycled water does not come in contact with the edible portion of the crop; nonfood-producing trees, such as Christmas trees. If the recycled water occurs during a period of 14 days prior to allowing the access to the general public.

Fodder and fiber crops, pastures for animals not producing milk for human consumption; seed crops not eaten for humans; food crops that must undergo commercial pathogen destroying before becoming consumed by humans. Ornamental nursery stock and sod far provided no irrigation occurs within a period of 14 days prior to harvesting retail and allowing and flushing sanitary sewers.

Every one of those, all four of those

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1 recycled waters, have to be oxygenized. It states
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- 2 right in the law. So, I'm not making it up.
- 3 HEARING OFFICER CELLI: So, --
- 4 MR. McPHEE: It states right in the law.
- 5 HEARING OFFICER CELLI: So, the point is
- 6 that you want -- maybe I need you to make your
- 7 point, Mr. McPhee.
- 8 MR. McPHEE: The point is that I want
- 9 every reference to recycled water in the Orange
- 10 Grove Power and the FPUD documents to state that
- disinfected tertiary recycled water must be used.
- 12 That's my point.
- 13 HEARING OFFICER CELLI: Thank you. I
- 14 appreciate that. Is there any other comment -- we
- 15 have one more commenter, Mr. Lewinger, again,
- 16 please.
- 17 MR. LEWINGER: Mr. Chair, maybe to
- 18 simplify things, if you referenced in your order
- 19 that the recycled water must meet all the
- 20 requirements of Title 22 pursuant to the control
- 21 of the Regional Water Quality Control Board, that
- 22 might make everybody happy.
- HEARING OFFICER CELLI: Well, let's put
- 24 it --
- 25 MR. McPHEE: No. I would rather make it

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1 a little different. I would rather specify
```

- 2 exactly because they have to use, according to the
- 3 law, they have to use disinfected tertiary
- 4 recycled water both for their cooling and if
- 5 they're going to replace the potable water with
- 6 disinfected tertiary -- with recycled water it
- 7 must be disinfected tertiary recycled water.
- 8 MR. BABULA: That's in -- let me just
- 9 read this line to you. Is this satisfactory? The
- 10 Orange Grove project shall comply with all
- 11 recycled water use requirements established in
- 12 Title 22 and Title 17 of the California Code of
- 13 Regulations --
- MR. McPHEE: Could you slow down,
- 15 please?
- MR. BABULA: Okay. I'll read that
- 17 again. The Orange Grove project shall comply with
- 18 all recycled water use requirements established in
- 19 Title 22 and Title 17 of the California Code of
- 20 Regulations and any applicable local recycled
- 21 water use ordinance.
- That is a condition of this project.
- 23 It's been a condition of this project since the
- 24 beginning. It's soil and water-8.
- 25 And then if you look at the

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1 verification, reports are required to show what
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- 2 the water is. And those reports get sent to the
- 3 Regional Water Quality Control Board.
- 4 HEARING OFFICER CELLI: So what we're
- 5 doing here, because we can't legislate --
- 6 MR. McPHEE: No. No, no, but you can --
- 7 I'm not asking you to legislate. But what I'm
- 8 asking you, you see, there's four different types
- 9 of recycled water in Title 22.
- 10 HEARING OFFICER CELLI: Correct,
- 11 understood.
- 12 MR. McPHEE: Why don't you just identify
- 13 the one that they have to use, which is
- 14 disinfected tertiary recycled water.
- 15 HEARING OFFICER CELLI: I believe that
- that's what is included in the FSA.
- 17 MR. BABULA: Because their uses for --
- or it's kind of -- I understand what you're
- 19 saying. They're using it for an industrial
- 20 process. Industrial process requires it to be
- 21 tertiary treated disinfected.
- 22 Because there are lower levels of
- 23 treatment that you can use --
- MR. McPHEE: That's right.
- MR. BABULA: But for what they want to

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1 use it for has to be the highest level.
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- 2 MR. McPHEE: Yes, --
- 3 MR. BABULA: Okay. And so that
- 4 requirement is in Title 22 and Title 17. If
- 5 you're going to us water for this process, then
- 6 you need to have the highest level. And that's
- why we're saying you need to follow what Title 22
- 8 says.
- 9 You look there and it will say, well, if
- 10 you're going to use it for this type of process,
- industrial process where there could be water
- 12 vapor, it needs to be the highest level of
- disinfectant.
- MR. McPHEE: That's right.
- 15 MR. BABULA: So that's what soil and
- water-8 is supposed to cover.
- MR. McPHEE: Yeah, but what I want is
- something to eliminate any ambiguity and for you
- 19 to say disinfected tertiary recycled water is the
- 20 requirement for this. Because that's what it is.
- 21 It has to be disinfected tertiary recycled water.
- HEARING OFFICER CELLI: And now Mr.
- 23 Lewinger is at the podium once again.
- MR. LEWINGER: Yeah. And just to
- 25 support staff's comment, Title 22 changes from

1 time to time. The state of California can amend

- 2 Title 22.
- 3 I wouldn't think this Commission wants
- 4 to specify some language that's buried within
- 5 Title 22 right now with the fear that in ten years
- 6 possibly disinfected tertiary effluent won't be
- 7 good enough for the use that we're proposing to
- 8 use it for, and Title 22 will change. And some
- 9 higher level of treatment may be required.
- 10 So you're running the risk, if you use
- 11 the terminology disinfected tertiary effluent in
- 12 your order, and then Title 22 changes at some
- 13 future date, your order is going to be not in
- 14 compliance with Title 22.
- The best way to do it is to reference,
- as your staff has recommended, reference Title 22
- and identify, you know, we have to meet the
- 18 applicable standards for this use as identified in
- 19 Title 22 of the Regional Water Quality Control
- Board.
- 21 That way, if Title 22 ever becomes more
- 22 stringent we're going to have to meet those more
- 23 stringent treatment requirements in order to
- 24 continue this use.
- 25 If you specify disinfected tertiary

1 effluent and 15 years from now the Regional Boards

- and the State Board say, no, to have this type of
- 3 use you got to go through RO.
- Well, your order's not going to say RO.
- 5 Your order is going to say disinfected tertiary
- 6 effluent. Whereas if you simply reference Title
- 7 22 and Title 22 changes to require RO, then we
- 8 would have to use RO to meet the requirement.
- 9 The Regional Board and the State Board
- 10 are the appropriate agencies to sway what type of
- 11 treatment is required for various uses.
- Thank you.
- 13 HEARING OFFICER CELLI: Thank you very
- 14 much.
- MS. LUCKHARDT: And I'd just like to
- 16 clarify. I believe that RO stands for reverse
- 17 osmosis?
- 18 MR. LEWINGER: Yes.
- 19 HEARING OFFICER CELLI: Yes. Thank you.
- I want to thank you, again, Mr. Lewinger. We
- 21 appreciate your comments.
- Mr. McPhee, I want to thank you for your
- comments. I want to thank all the people who
- showed up today for your participation in this
- 25 process. I see a lot of familiar faces in the

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time that we've been doing this.
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- 2 And at this time I'm now going to hand
- 3 over the --
- 4 MR. McPHEE: I'd like to reply to Mr.
- 5 Lewinger's last comments. The fact that
- 6 disinfected tertiary recycled water is almost as
- 7 pure as potable water, and I don't think it's
- 8 possible to improve the quality of that water.
- 9 And that's why I -- I don't know why
- 10 he's fighting it because that's why I want and I'm
- 11 asking, and I'm requesting that they use the
- 12 correct lawful term called disinfected tertiary
- 13 recycled water.
- 14 HEARING OFFICER CELLI: Thank you. Loud
- 15 and clear.
- 16 At this time I'm going to hand the
- 17 meeting over to Commissioner Boyd, who's our
- 18 Presiding Member, to adjourn.
- 19 PRESIDING MEMBER BOYD: Well, thank you.
- 20 And, Mr. McPhee, I do thank you for your concern
- for the public's health.
- MR. McPHEE: It is a health issue.
- PRESIDING MEMBER BOYD: Right. I've
- 24 been engaged in that occupation for most of my
- four decades in government. So even though we may

Τ	disagree on the application, we do appreciate your
2	concern and your taking your time.
3	If there's no other business before us
4	today, let me thank you all. I'm not sure we'll
5	ever see most of you again down here. But it's a
6	pleasant setting, in any event.
7	And this meeting is adjourned.
8	HEARING OFFICER CELLI: I did want to
9	make one more point, by the way, I'm sorry I
10	forgot to mention that the PMPD will be up before
11	the full Commission, the Energy Commission, at the
12	business meeting on Wednesday, April 8th.
13	Thank you.
14	MS. LUCKHARDT: And just so folks know,
15	we didn't know that this would go as quickly as it
16	has gone this morning. So there is lunch coming.
17	(Whereupon, at 11:53 a.m., the hearing/
18	conference was adjourned.)
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CERTIFICATE OF REPORTER

I, TROY A. RAY, an Electronic Reporter, do hereby certify that I am a disinterested person herein; that I recorded the foregoing California Energy Commission Hearing/Conference; that it was thereafter transcribed into typewriting.

I further certify that I am not of counsel or attorney for any of the parties to said hearing, nor in any way interested in outcome of said hearing.

IN WITNESS WHEREOF, I have hereunto set my hand this 23rd day of March, 2009.

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